

Equalizing Fractions

Name: _____ Date: _____

You can make fractions equal by multiplying the numerator (top) and denominator (bottom) by the same number. **Examples:**

$$\frac{2}{3} = \frac{6}{9}$$

$$\frac{3}{4} = \frac{9}{12}$$

$$\frac{4}{5} = \frac{12}{15}$$

These fractions' denominators were multiplied by three. We can multiply the numerators by three to make them equal.



Fill in the missing value which will make each pair of fractions equal.

$$(1) \quad \frac{5}{6} = \frac{60}{72}$$

$$(2) \quad \frac{2}{9} = \frac{\quad}{81}$$

$$(3) \quad \frac{9}{13} = \frac{\quad}{26}$$

$$(4) \quad \frac{1}{12} = \frac{2}{\quad}$$

$$(5) \quad \frac{8}{11} = \frac{24}{\quad}$$

$$(6) \quad \frac{5}{7} = \frac{\quad}{42}$$

$$(7) \quad \frac{3}{7} = \frac{\quad}{14}$$

$$(8) \quad \frac{2}{3} = \frac{\quad}{27}$$

$$(9) \quad \frac{1}{6} = \frac{9}{\quad}$$

$$(10) \quad \frac{3}{4} = \frac{\quad}{28}$$

$$(11) \quad \frac{1}{2} = \frac{\quad}{8}$$

$$(12) \quad \frac{7}{10} = \frac{\quad}{40}$$

$$(13) \quad \frac{11}{12} = \frac{66}{\quad}$$

$$(14) \quad \frac{1}{4} = \frac{6}{\quad}$$

$$(15) \quad \frac{2}{7} = \frac{\quad}{35}$$

$$(16) \quad \frac{1}{7} = \frac{\quad}{42}$$

$$(17) \quad \frac{1}{8} = \frac{\quad}{40}$$

$$(18) \quad \frac{10}{13} = \frac{30}{\quad}$$

$$(19) \quad \frac{1}{3} = \frac{\quad}{36}$$

$$(20) \quad \frac{1}{5} = \frac{9}{\quad}$$

$$(21) \quad \frac{4}{7} = \frac{\quad}{28}$$

$$(22) \quad \frac{2}{5} = \frac{24}{\quad}$$

$$(23) \quad \frac{4}{13} = \frac{\quad}{26}$$

$$(24) \quad \frac{4}{5} = \frac{\quad}{15}$$

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Equivalent Fractions Word Problems

Answer each of the following word problems. Make sure you include a full sentence for each answer.

1. Half of the people in a family are male. Show two different drawings of what that family might look like.

3. Mariah made a cake. She wants to share it equally with two other people. What are two ways she can cut that cake?